



Pop Into Space



NOW MAYBE AN ALKA-SELTZER WON'T GET YOU TOTALLY SPACED OUT BUT PUT HALF
A TABLET AND A LITTLE WATER IN A FILM CANISTER AND YOU CAN DEMONSTRATE
HOW REAL SPACE ROCKETS WORK.

★ You Need To Get ★

A piece of A4 paper

Sticky tape

Effervescent antacid tablets, (Alka-Seltzer)

Eye protection (eye or safety glasses)

Scissors

Plastic 35-mm film canister, (Fuji are best)

Water

Paper towels, (it can get messy)

(NB The film canister MUST be one with a cap that fits INSIDE the rim instead of over the outside of the rim. Most canisters don't but Fuji brand do.)

★ Making The Rocket ★

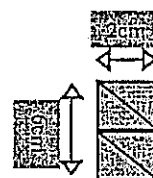
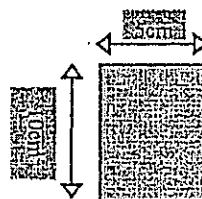
1. Cut a circle, rectangle and four triangles out of the paper to make your rocket. (The measurements shown are suggestions.)

2. Wrap and tape the larger rectangle around the film canister.

(Hint: Tape the paper to the canister before you start wrapping.)

3. Cut out the triangles and tape them as fins to your rocket body.

4. Roll the circle (with a wedge cut out) into a cone and tape it to the top of the rocket.



★ Blasting Off ★

1. Put on your eye protection.

2. Turn the rocket upside down and remove your canister's lid.

3. Fill your canister one-third full of water.



Now work quickly on the next steps!

1. Drop one-half of an effervescent antacid tablet into your canister.

2. Snap the canister lid on tight.

3. Stand your rocket on a launch platform, such as a lino or tile floor or a concrete path.

4. Stand back and wait. After a couple of seconds your rocket will blast off, maybe not into space, but quite high nonetheless.

??????????